

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081018\
 Data File : BE097264.D
 Acq On : 10 Aug 2018 15:59
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 10 16:48:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1153	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6266	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3649	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	8147	0.40	ng	0.00
27) Chrysene-d12	20.98	240	8597	0.40	ng	0.00
34) Perylene-d12	23.22	264	8906	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1422	0.44	ng	0.01
5) Phenol-d6	6.61	99	2191	0.46	ng	0.01
8) Nitrobenzene-d5	8.52	82	2265	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3471	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	506	0.42	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	4905	0.39	ng	0.00
25) Fluoranthene-d10	18.81	212	31972	0.39	ng	0.00
29) Terphenyl-d14	19.43	244	6084	0.37	ng	0.00

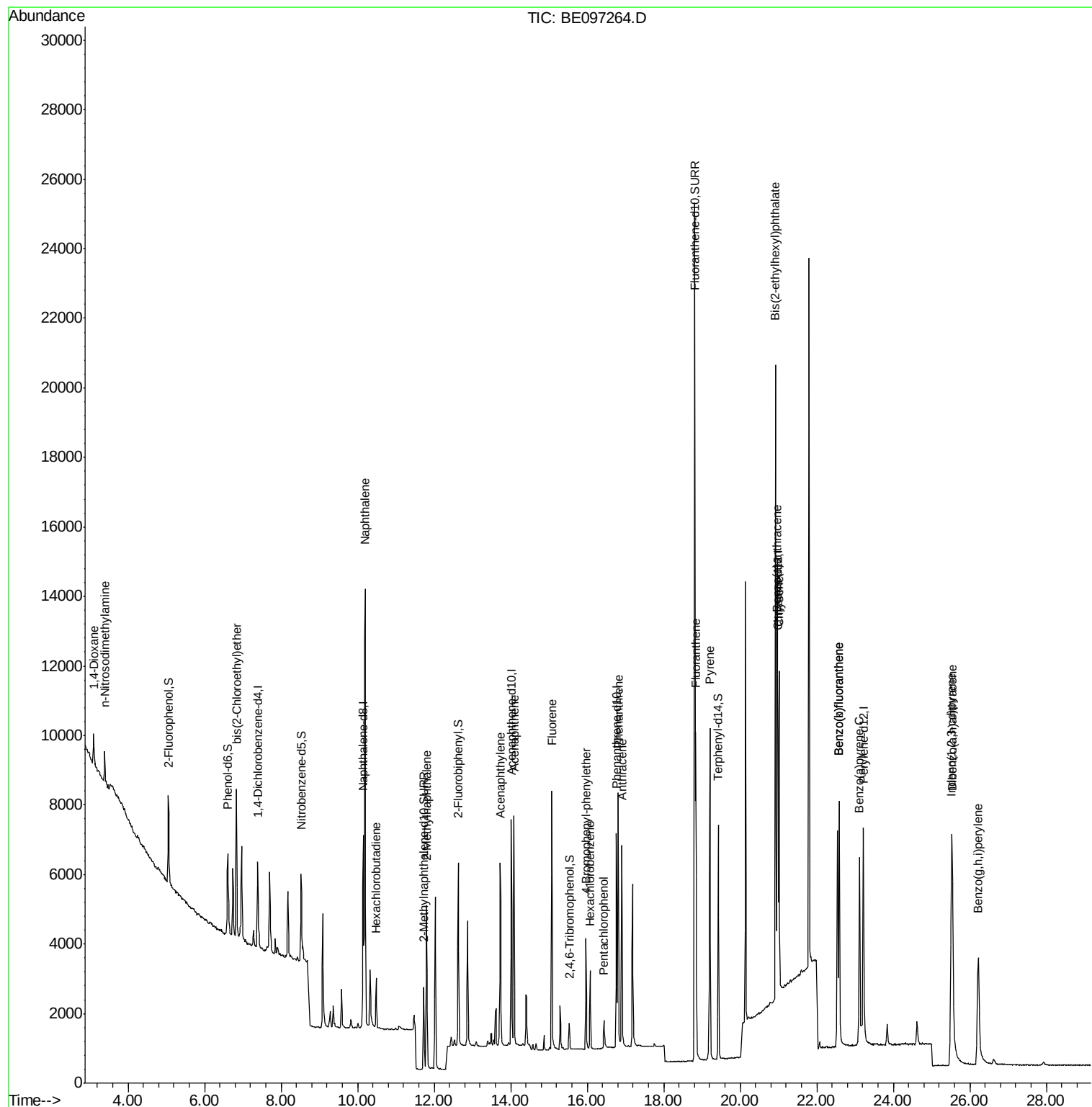
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	530	0.289	ng	# 91
3) n-Nitrosodimethylamine	3.38	42	591	0.288	ng	# 88
6) bis(2-Chloroethyl)ether	6.84	93	1641	0.378	ng	93
9) Naphthalene	10.20	128	21816	0.388	ng	100
10) Hexachlorobutadiene	10.48	225	948	0.376	ng	96
12) 2-Methylnaphthalene	11.80	142	3619	0.375	ng	99
16) Acenaphthylene	13.73	152	6247	0.381	ng	99
17) Acenaphthene	14.08	154	3653	0.384	ng	94
18) Fluorene	15.08	166	4498	0.357	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	1594	0.403	ng	87
21) Hexachlorobenzene	16.08	284	1767	0.416	ng	# 84
22) Pentachlorophenol	16.44	266	524	0.508	ng	# 78
23) Phenanthrene	16.81	178	7401	0.381	ng	98
24) Anthracene	16.90	178	6813	0.392	ng	96
26) Fluoranthene	18.84	202	8389	0.385	ng	98
28) Pyrene	19.21	202	8681	0.368	ng	99
30) Benzo(a)anthracene	20.96	228	8974	0.420	ng	98
31) Chrysene	21.02	228	8360	0.364	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	18886	0.792	ng	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	10807	0.520	ng	# 82
35) Benzo(b)fluoranthene	22.58	252	9595	0.425	ng	97
36) Benzo(k)fluoranthene	22.58	252	9595	0.364	ng	# 86
37) Benzo(a)pyrene	23.12	252	8551	0.402	ng	# 92
38) Dibenzo(a,h)anthracene	25.54	278	9036	0.426	ng	95
39) Benzo(g,h,i)perylene	26.22	276	8762	0.389	ng	# 91

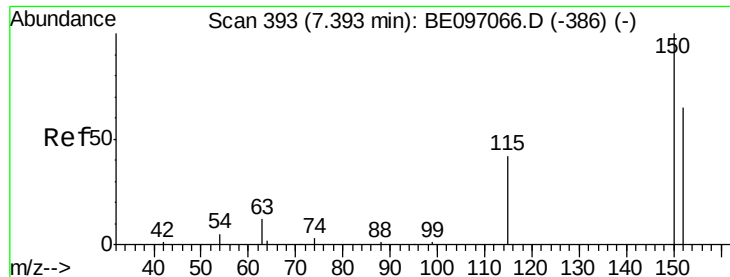
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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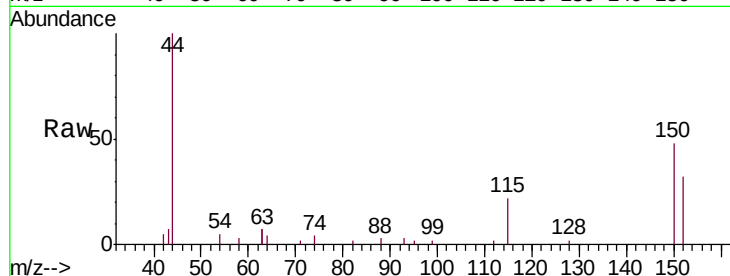


#1

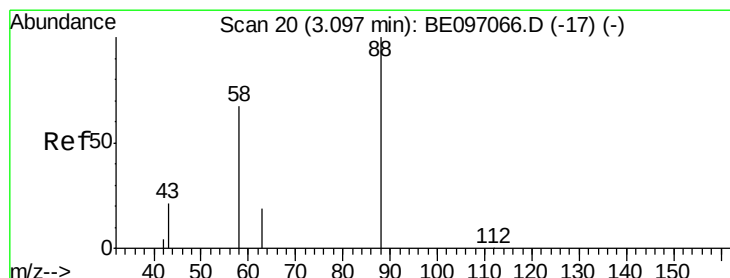
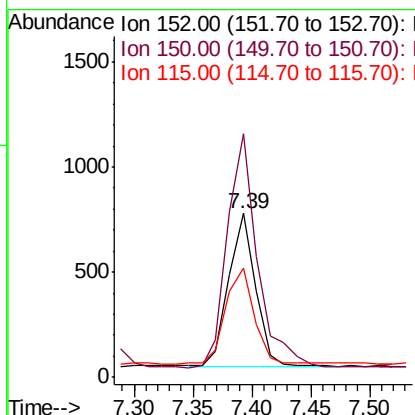
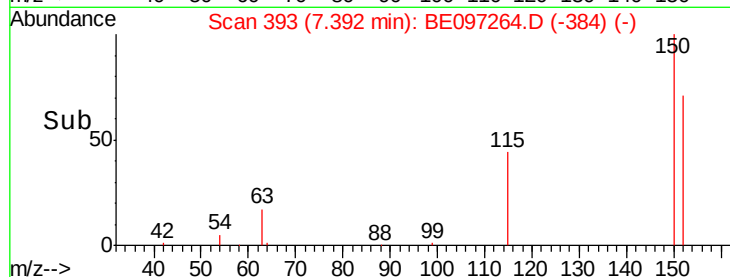
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097264.D
Acq: 10 Aug 2018 15:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 1153
Ion Ratio Lower Upper
152 100
150 148.5 117.2 175.8
115 66.5 57.0 85.6



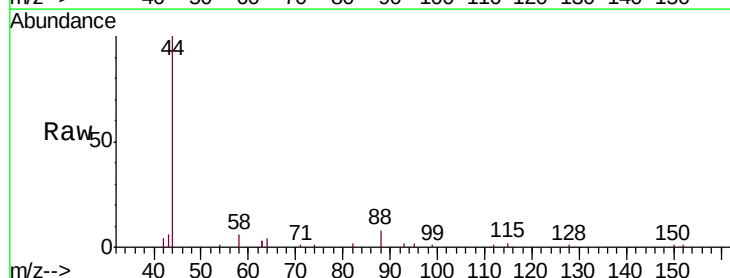
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



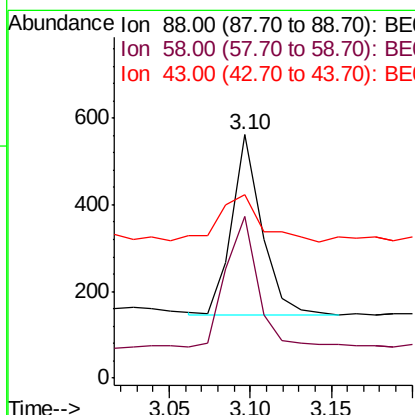
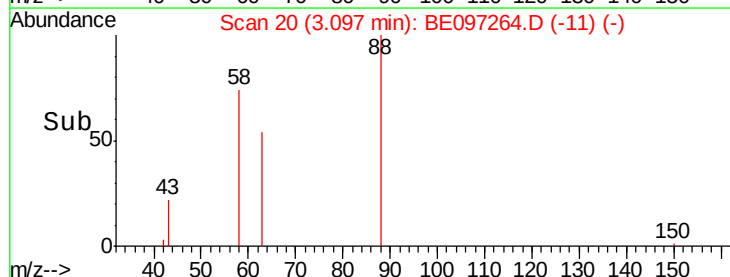
#2

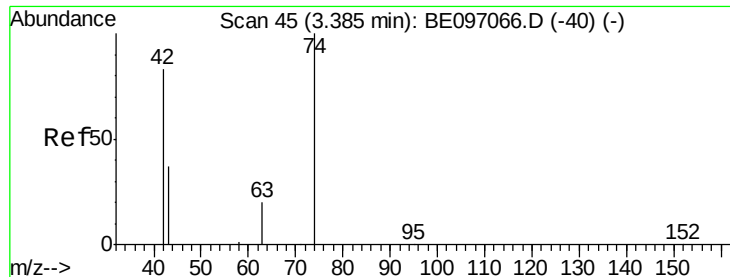
1,4-Dioxane
Concen: 0.289 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097264.D
Acq: 10 Aug 2018 15:59

Tgt Ion: 88 Resp: 530
Ion Ratio Lower Upper
88 100
58 80.6 63.2 94.8
43 37.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.288 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

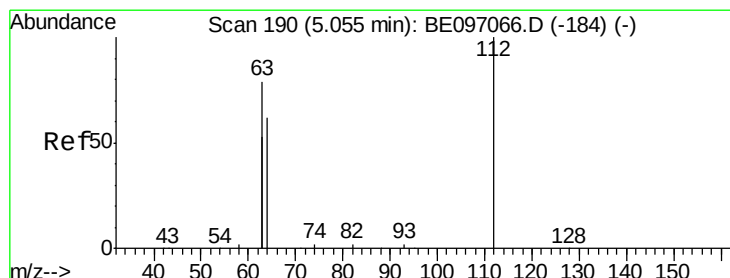
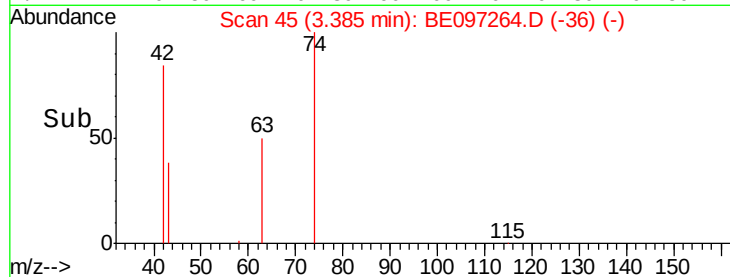
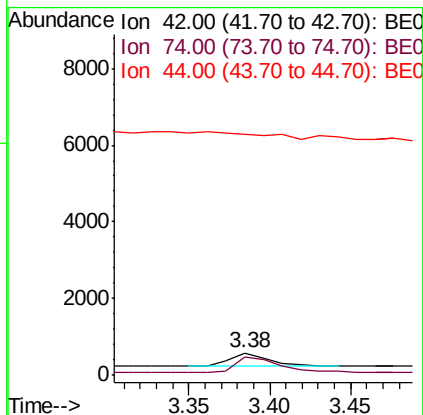
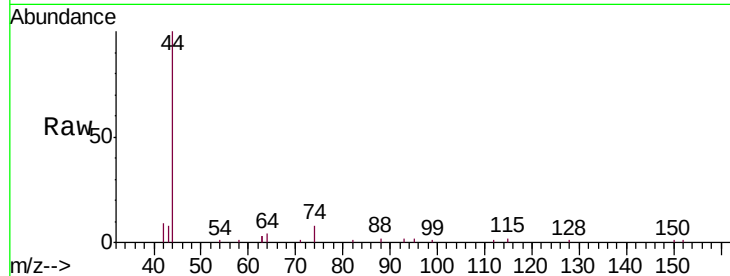
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	42	Resp:	591
Ion	Ratio	Lower	Upper
42	100		
74	129.4	96.0	144.0
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.439 ng

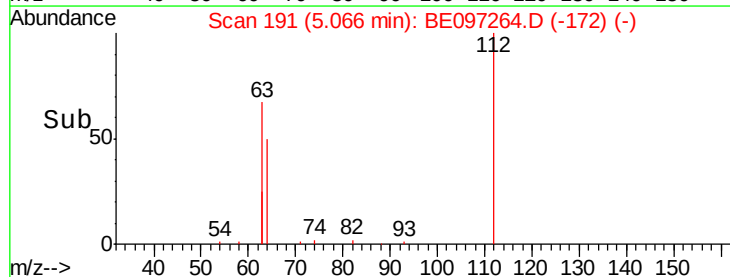
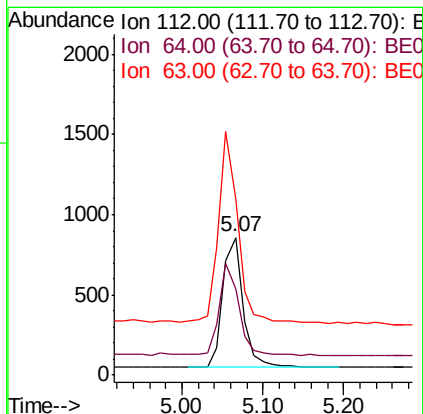
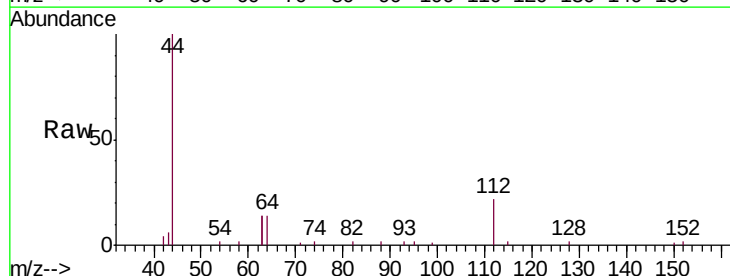
RT: 5.07 min Scan# 191

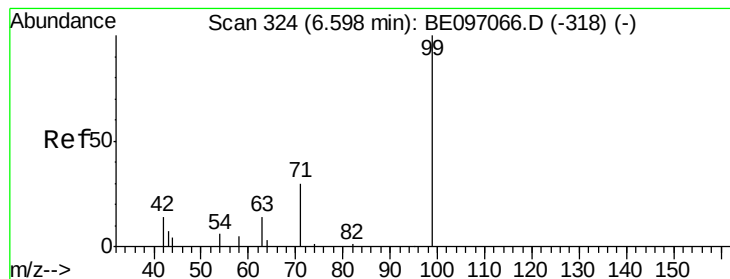
Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Tgt Ion:	112	Resp:	1422
Ion	Ratio	Lower	Upper
112	100		
64	67.0	60.1	90.1
63	141.9	116.8	175.2





#5

Phenol-d6

Concen: 0.461 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

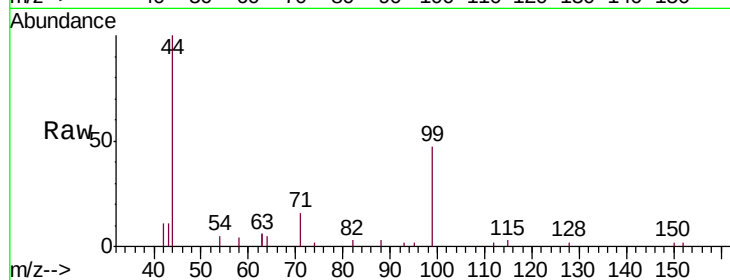
Tgt Ion: 99 Resp: 2191

Ion Ratio Lower Upper

99 100

42 21.4 20.2 30.2

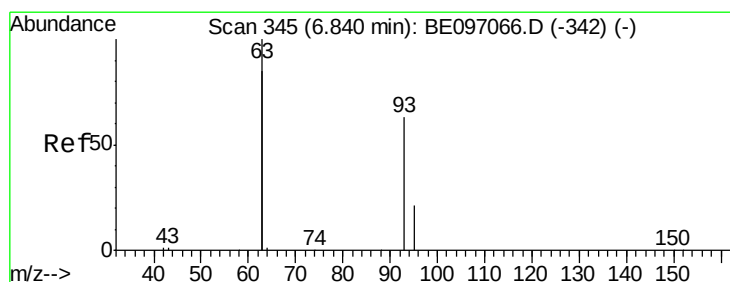
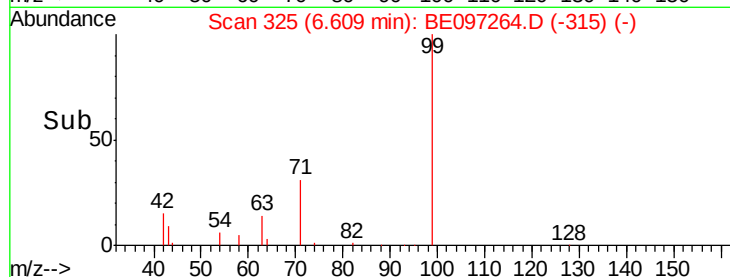
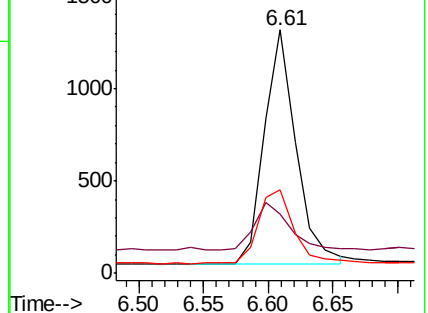
71 35.3 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.378 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

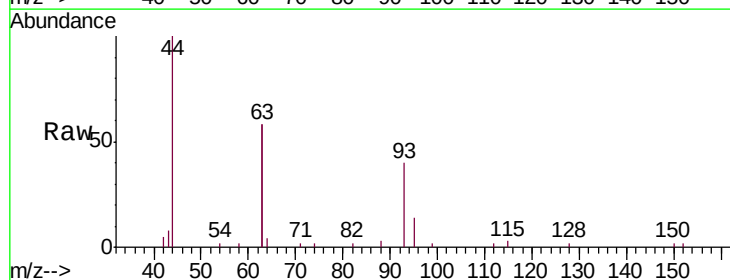
Tgt Ion: 93 Resp: 1641

Ion Ratio Lower Upper

93 100

63 328.0 275.3 412.9

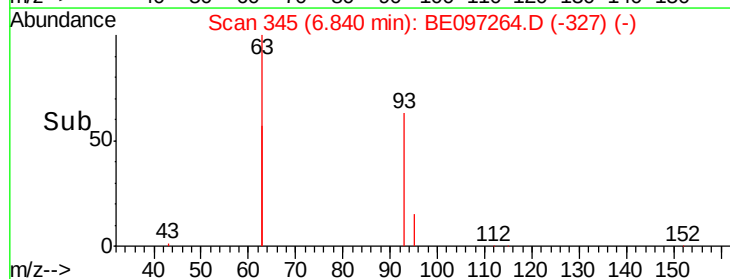
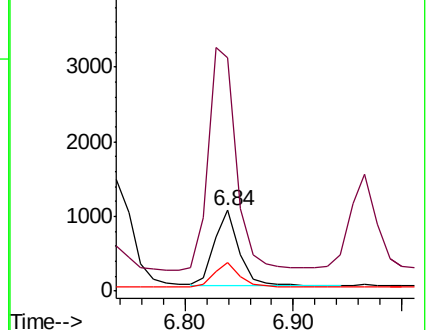
95 31.4 25.2 37.8

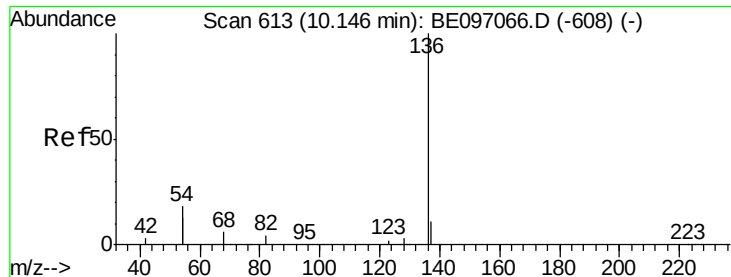


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 6266

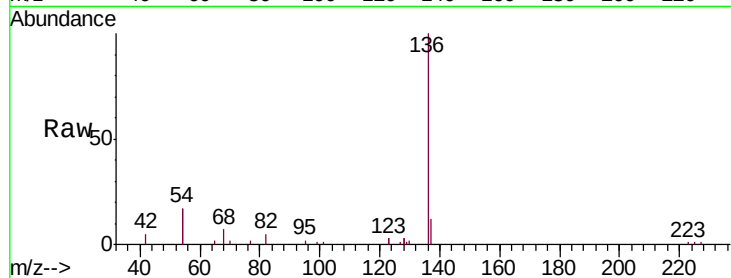
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 34.0 29.1 43.7

68 6.8 6.2 9.2

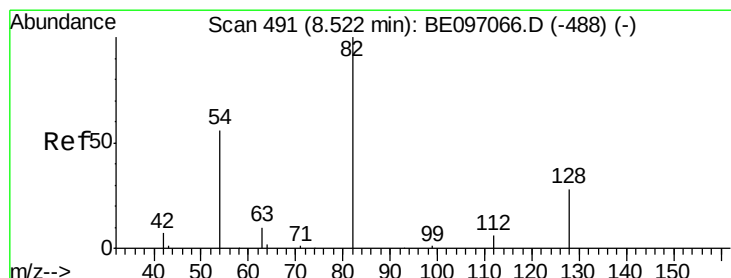
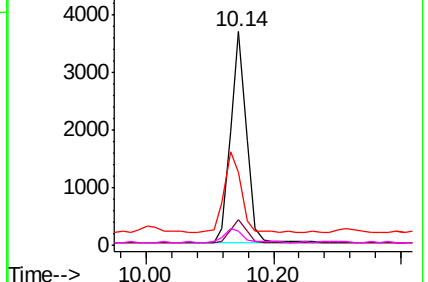
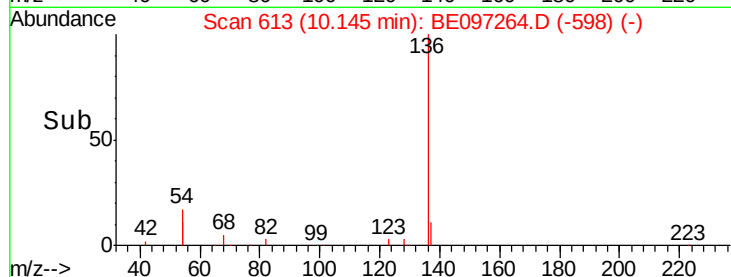


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.416 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

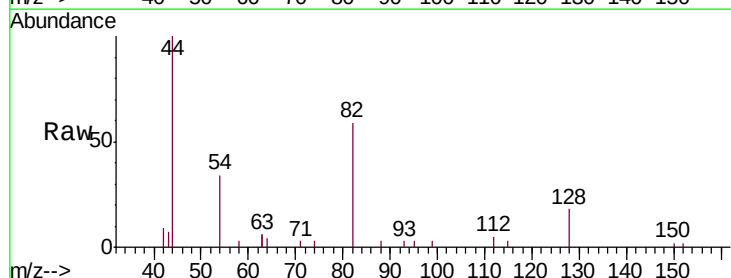
Tgt Ion: 82 Resp: 2265

Ion Ratio Lower Upper

82 100

128 30.0 24.0 36.0

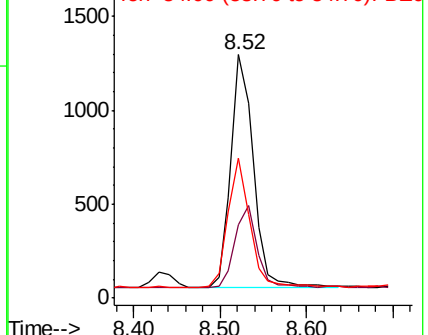
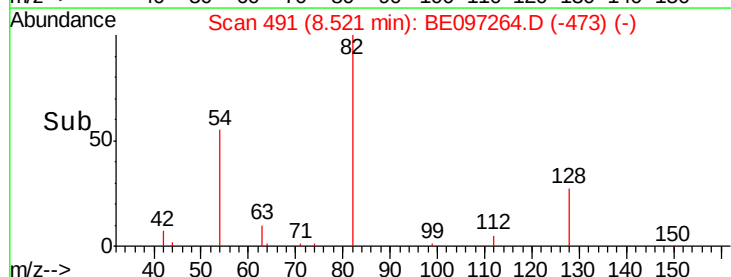
54 57.4 40.0 60.0

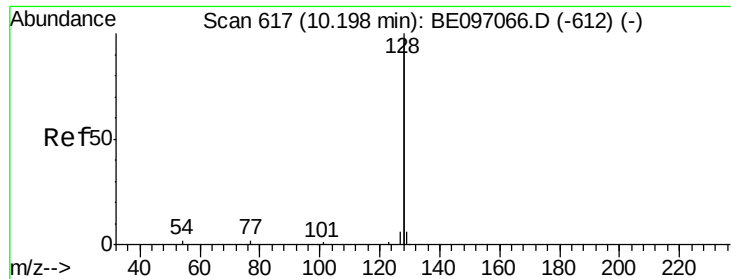


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.388 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097264.D

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ClientSampleId :

SSTDCCC0.4EC

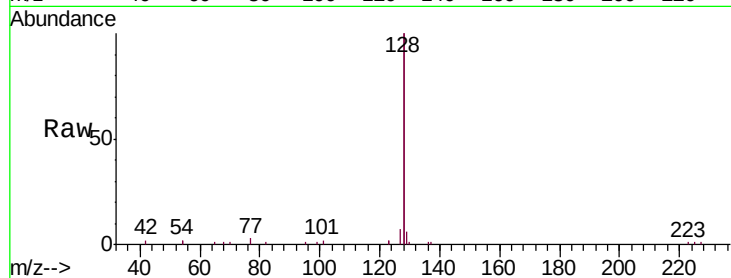
Tgt Ion:128 Resp: 21816

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

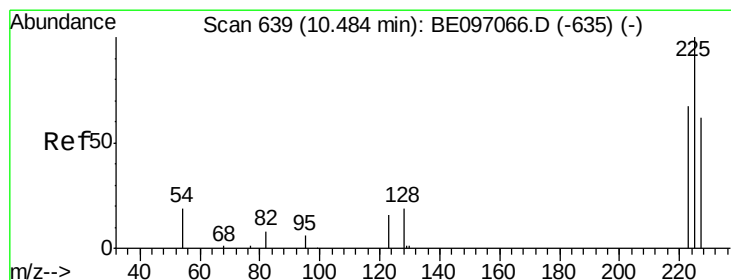
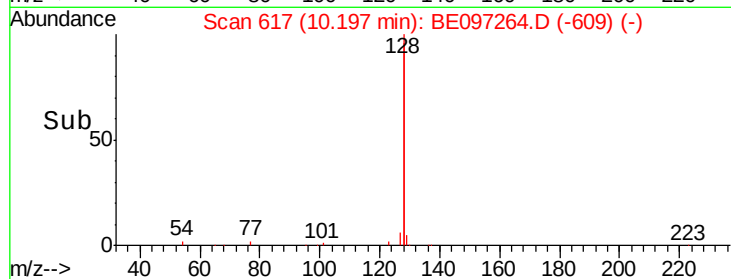
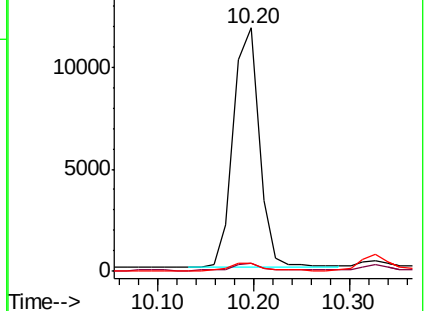
127 3.4 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.376 ng

RT: 10.48 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

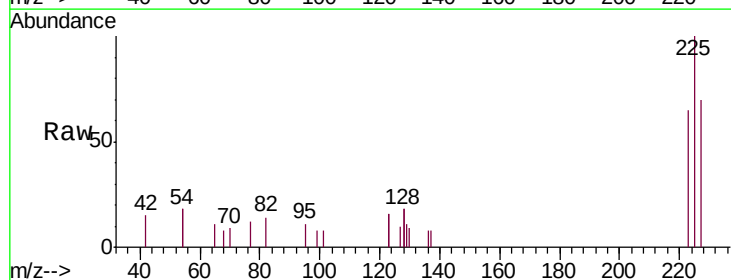
Tgt Ion:225 Resp: 948

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

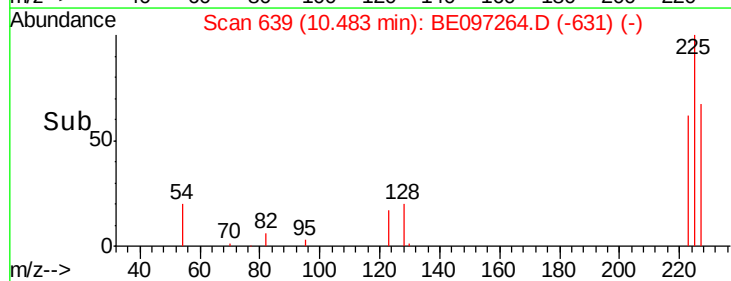
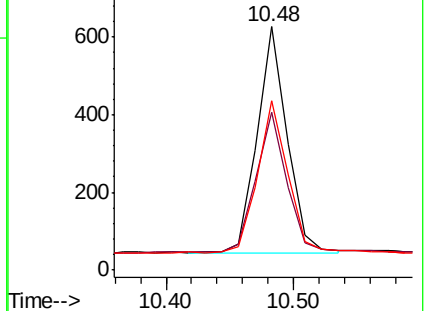
227 66.9 51.4 77.2

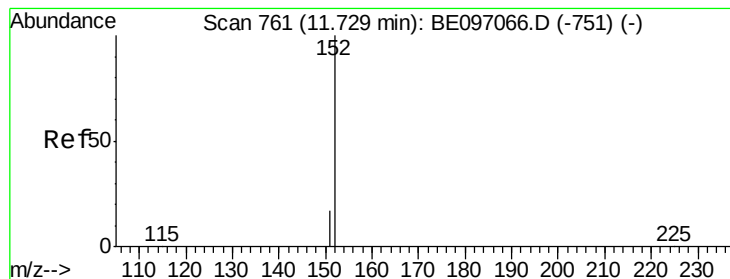


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

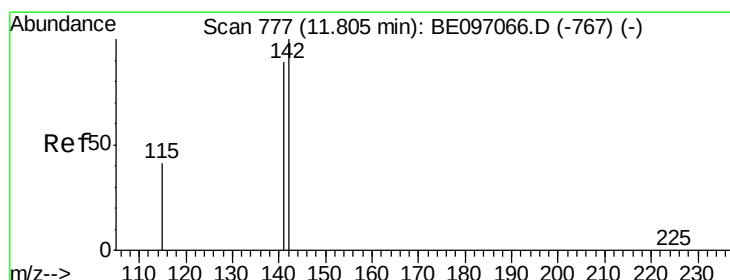
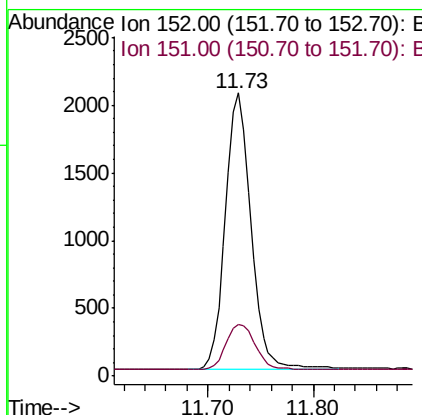
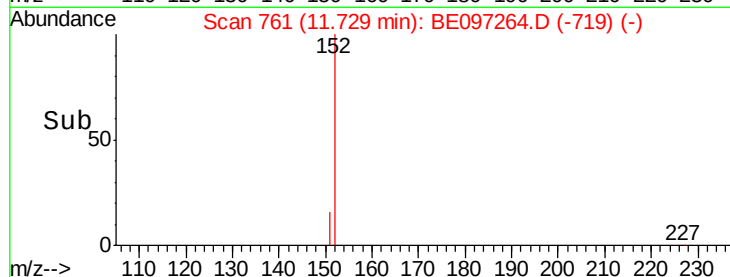
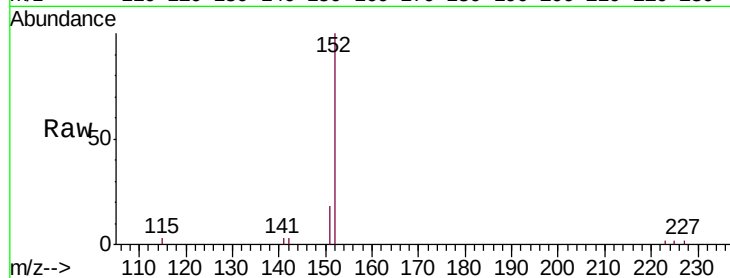




#11
 2-Methylnaphthalene-d10
 Concen: 0.370 ng
 RT: 11.73 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE097264.D
 Acq: 10 Aug 2018 15:59

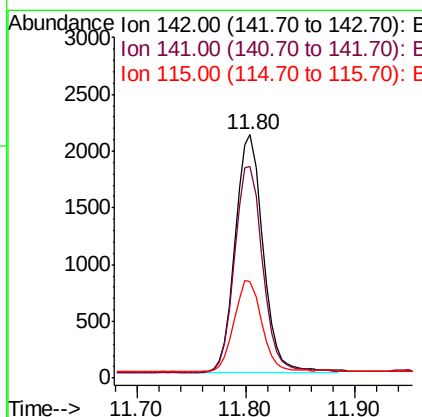
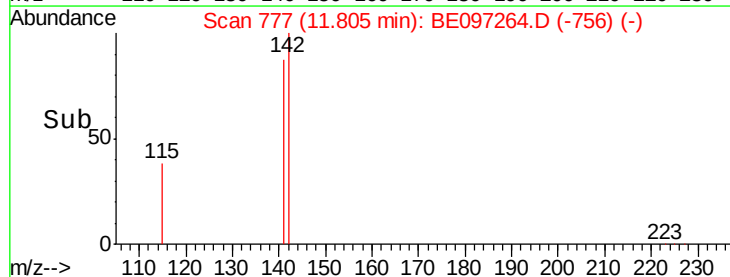
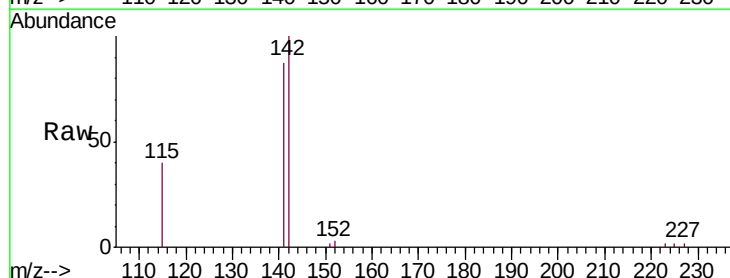
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

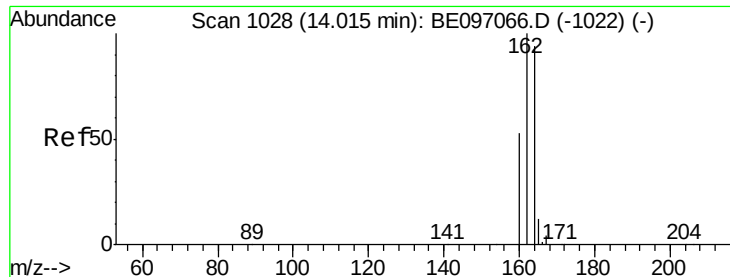
Tgt Ion:152 Resp: 3471
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.375 ng
 RT: 11.80 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BE097264.D
 Acq: 10 Aug 2018 15:59

Tgt Ion:142 Resp: 3619
 Ion Ratio Lower Upper
 142 100
 141 86.9 70.4 105.6
 115 39.6 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

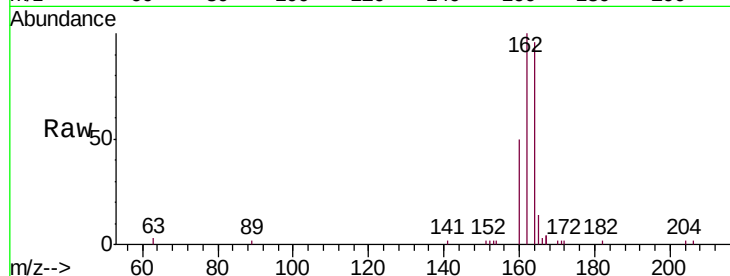
Tgt Ion:164 Resp: 3649

Ion Ratio Lower Upper

164 100

162 103.7 83.1 124.7

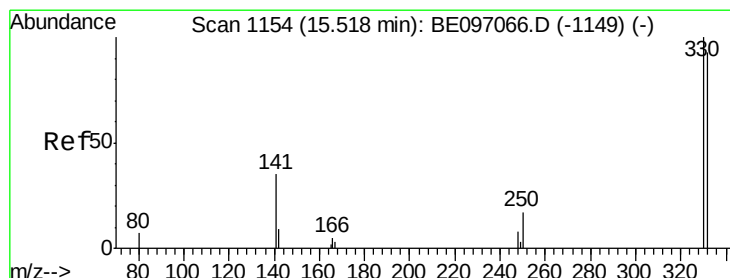
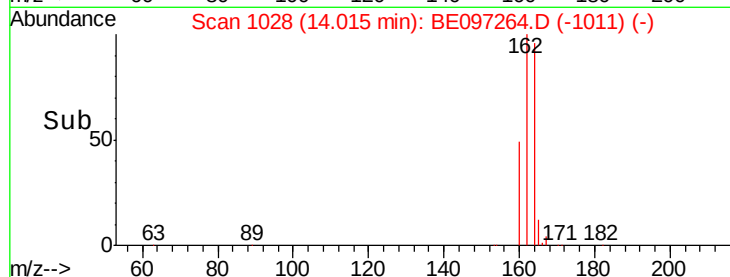
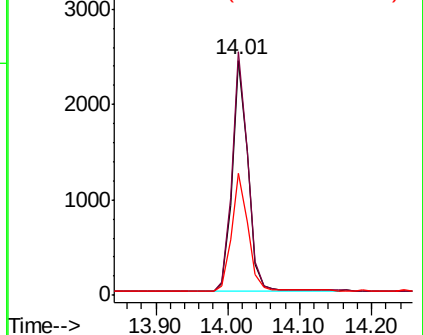
160 52.1 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.421 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

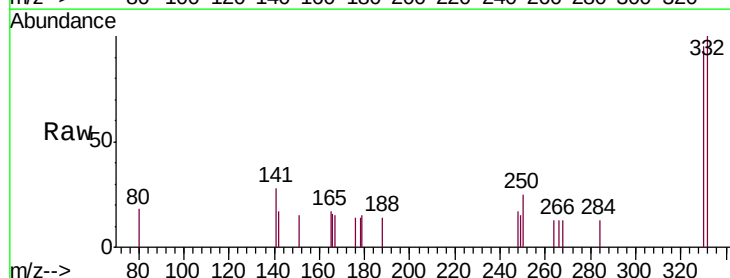
Tgt Ion:330 Resp: 506

Ion Ratio Lower Upper

330 100

332 97.6 152.7 229.1#

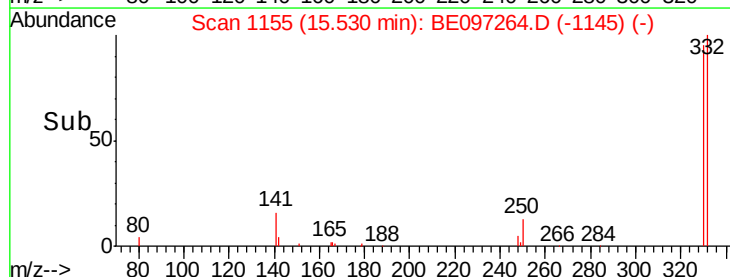
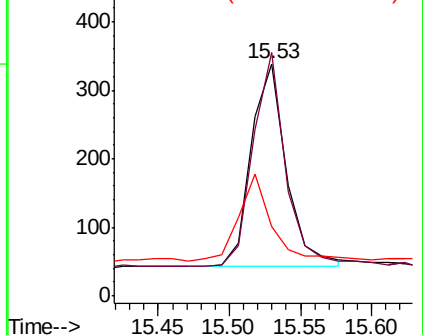
141 39.7 33.7 50.5

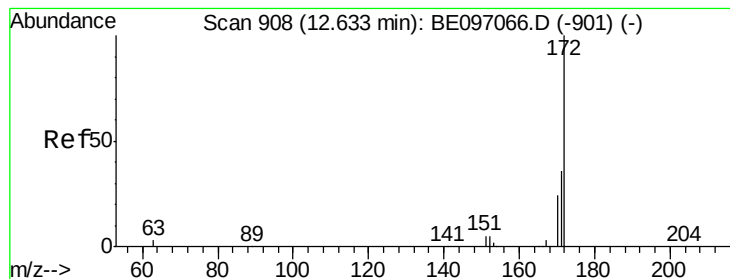


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.389 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

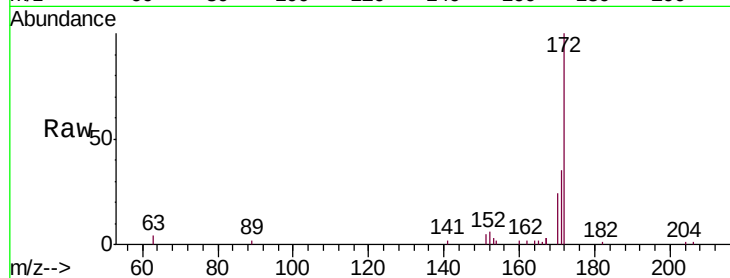
Tgt Ion:172 Resp: 4905

Ion Ratio Lower Upper

172 100

171 34.6 29.9 44.9

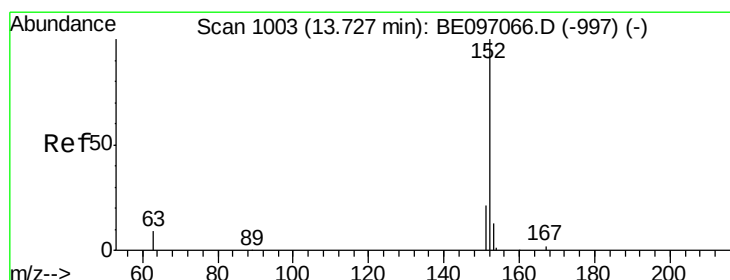
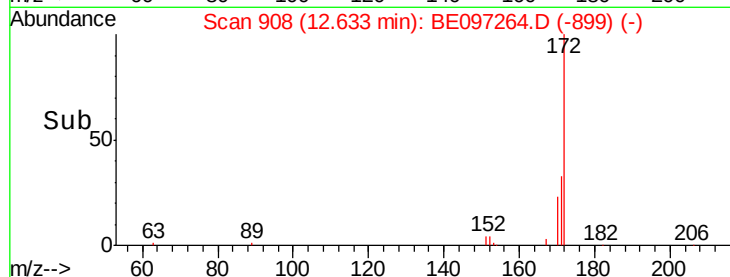
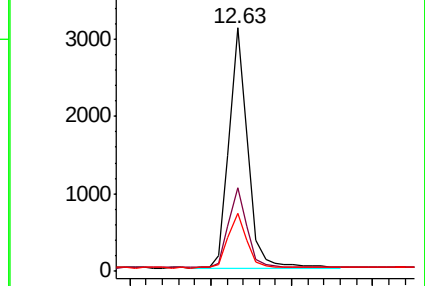
170 24.1 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.381 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

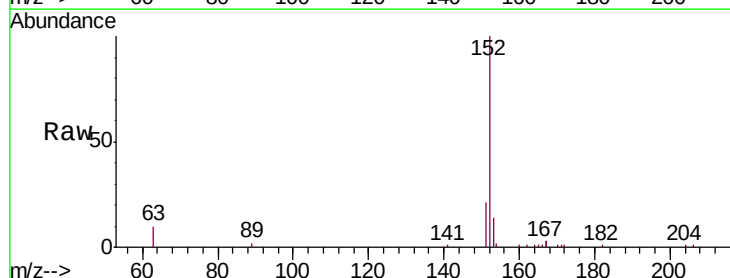
Tgt Ion:152 Resp: 6247

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

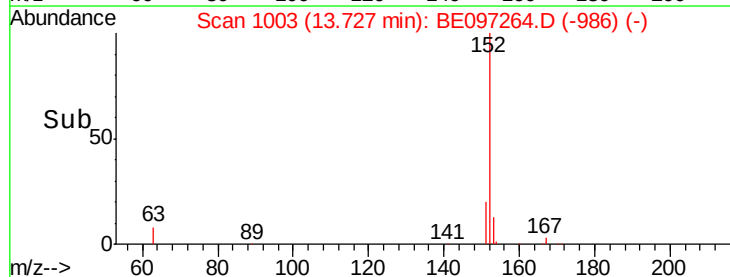
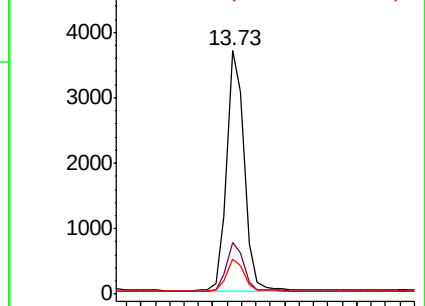
153 13.0 10.5 15.7

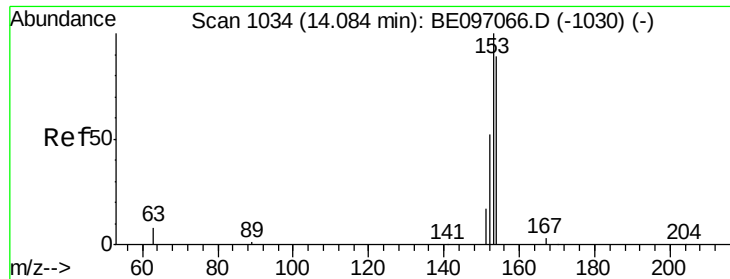


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

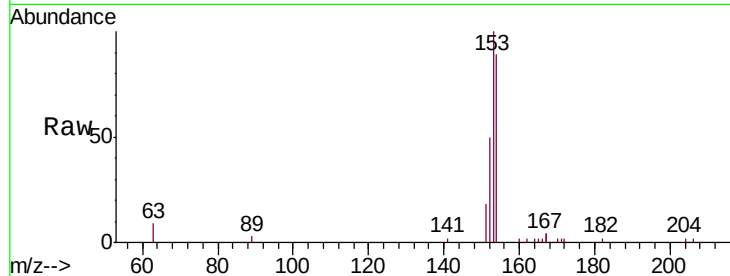
Tgt Ion:154 Resp: 3653

Ion Ratio Lower Upper

154 100

153 114.5 89.2 133.8

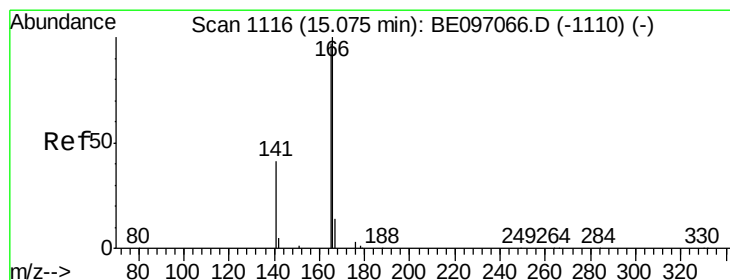
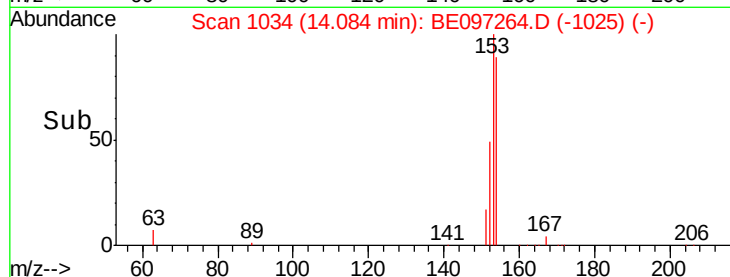
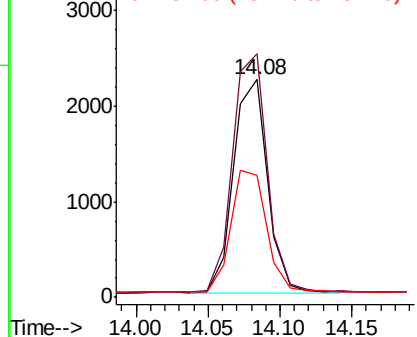
152 60.7 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.357 ng

RT: 15.08 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

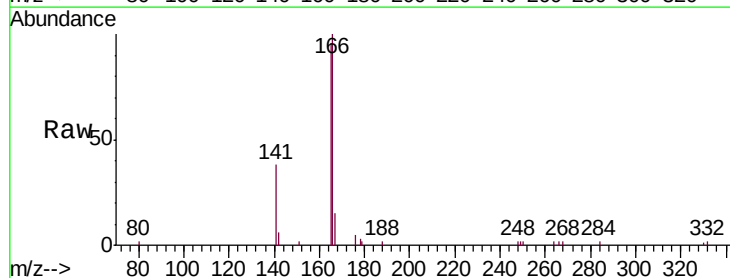
Tgt Ion:166 Resp: 4498

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.6

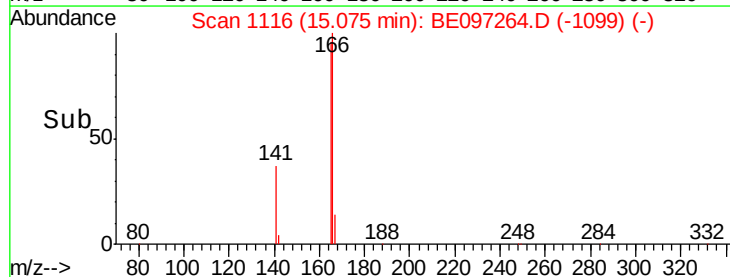
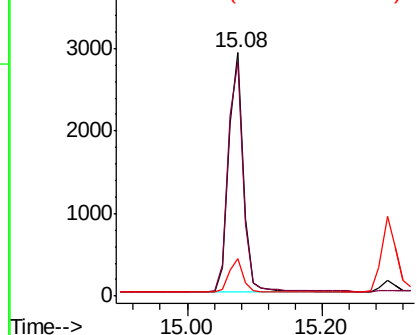
167 14.0 42.4 63.6#

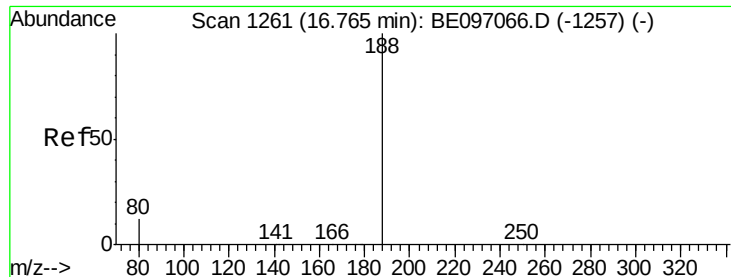


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

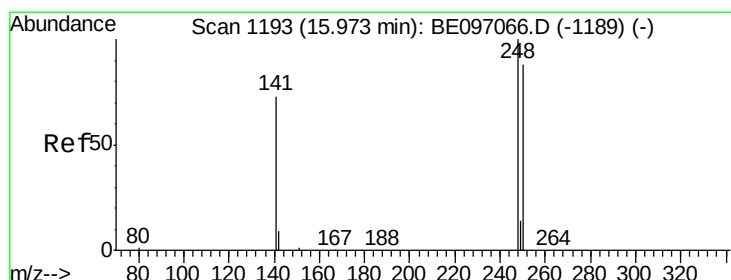
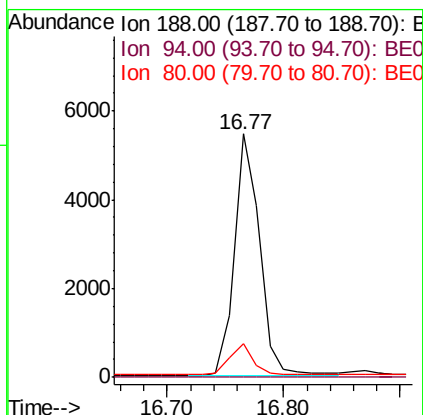
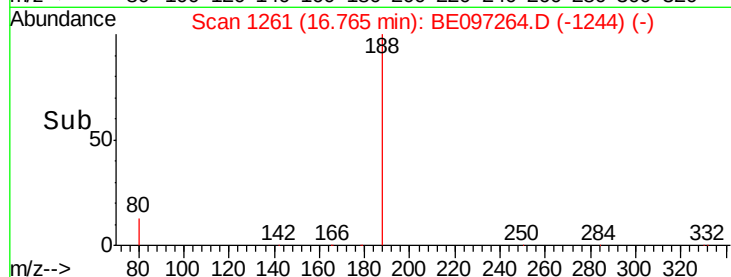
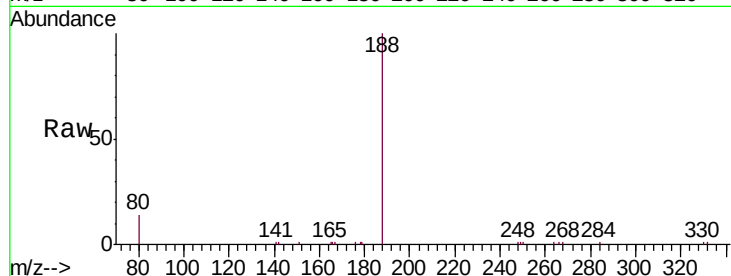
Tgt Ion:188 Resp: 8147

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.7 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.403 ng

RT: 15.97 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

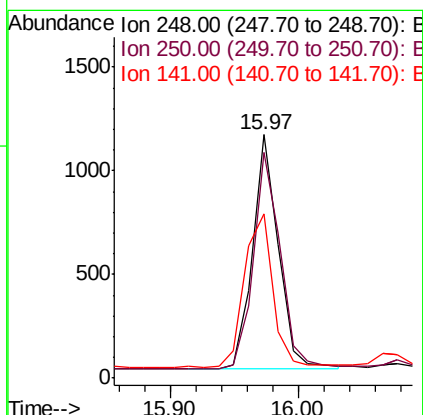
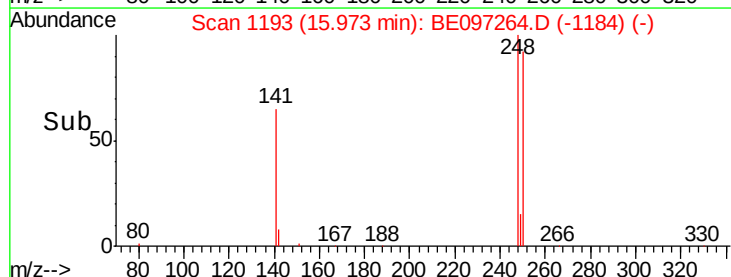
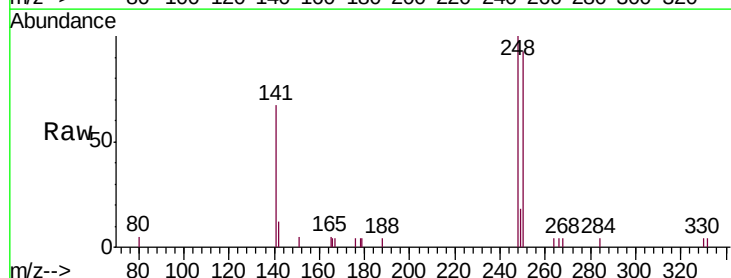
Tgt Ion:248 Resp: 1594

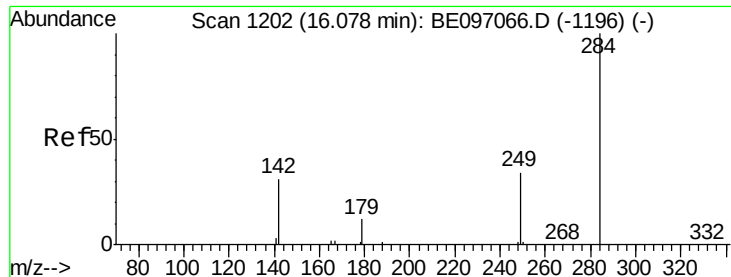
Ion Ratio Lower Upper

248 100

250 92.6 62.7 94.1

141 67.4 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.416 ng

RT: 16.08 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

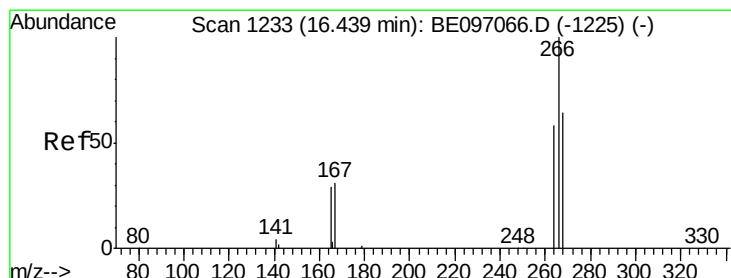
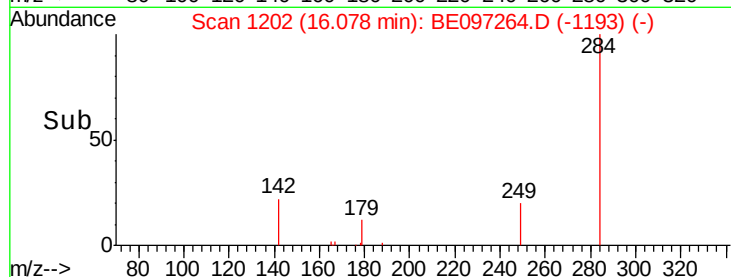
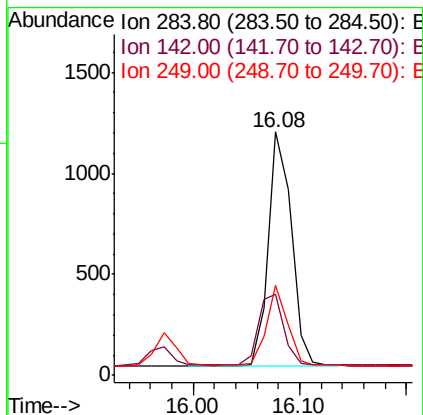
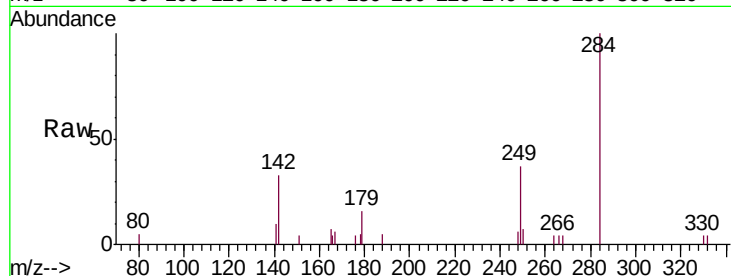
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	284	Resp:	1767
Ion	Ratio	Lower	Upper
284	100		
142	32.7	22.1	33.1
249	30.7	34.8	52.2#



#22

Pentachlorophenol

Concen: 0.508 ng

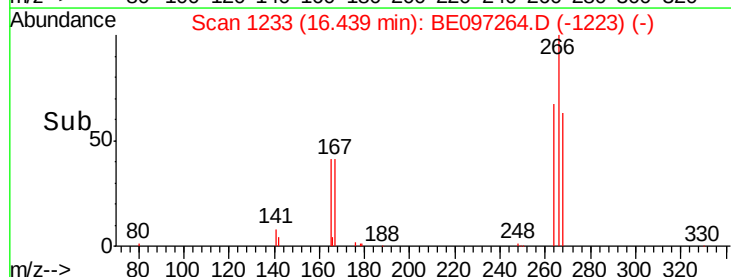
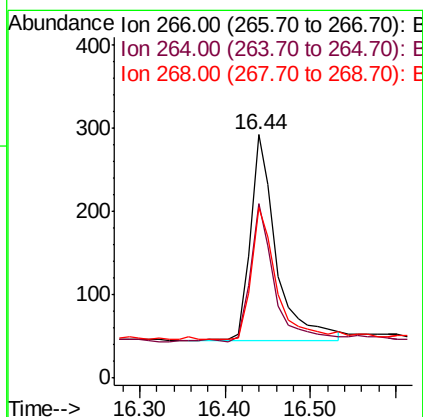
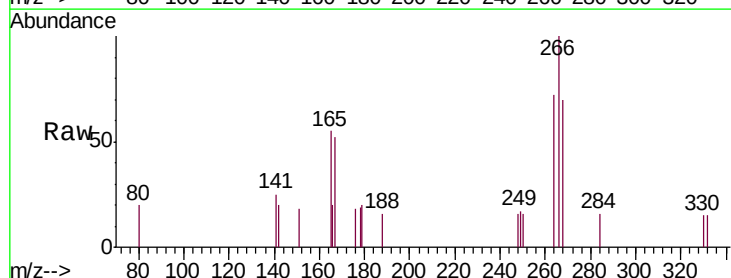
RT: 16.44 min Scan# 1233

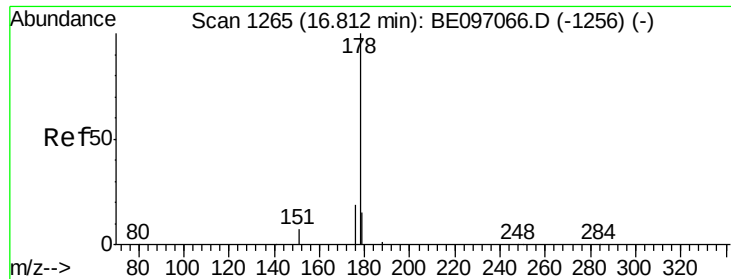
Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Tgt Ion:	266	Resp:	524
Ion	Ratio	Lower	Upper
266	100		
264	71.9	72.5	108.7#
268	69.9	73.8	110.6#





#23

Phenanthrene

Concen: 0.381 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

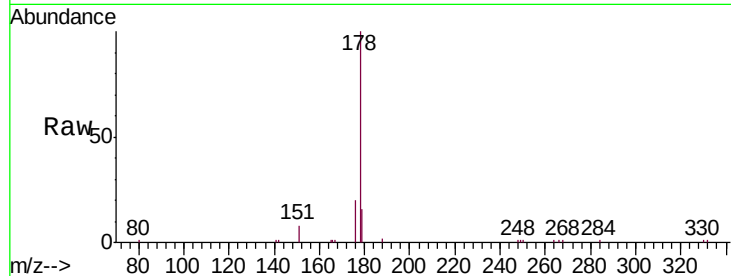
Tgt Ion:178 Resp: 7401

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

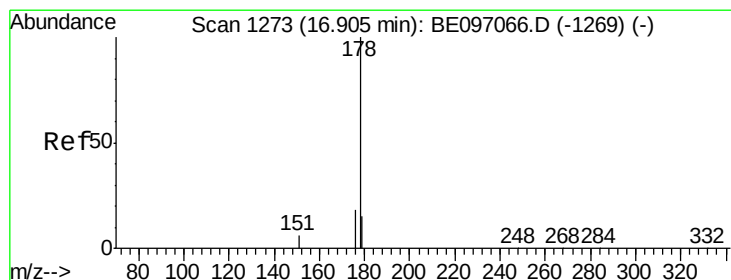
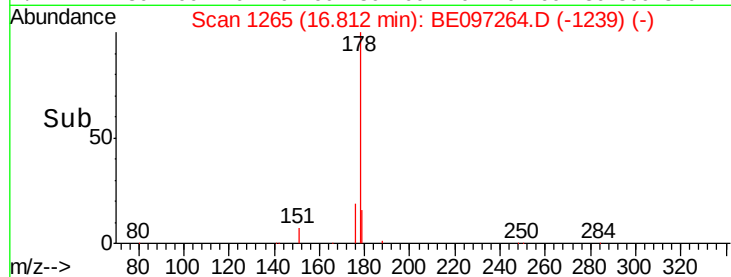
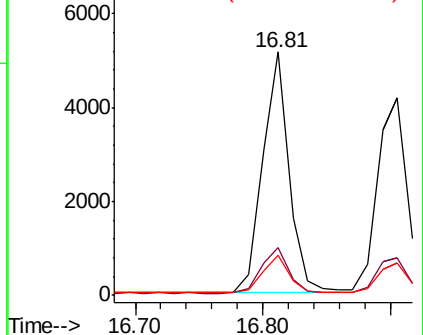
179 15.6 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.392 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

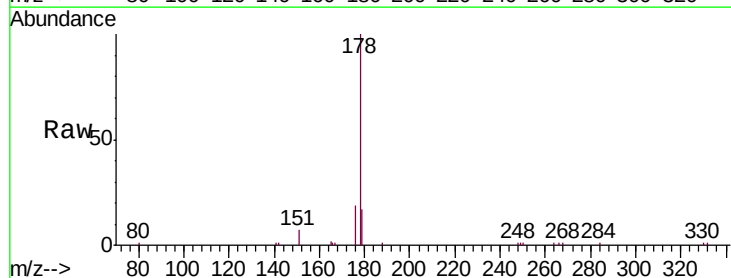
Tgt Ion:178 Resp: 6813

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

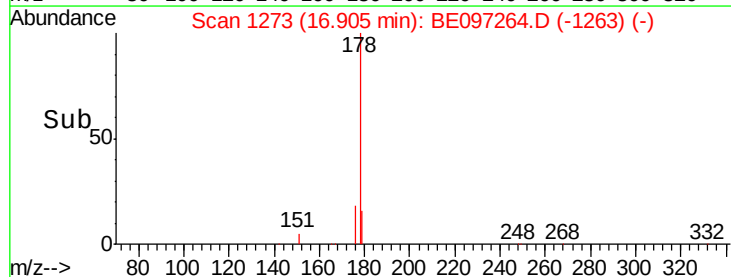
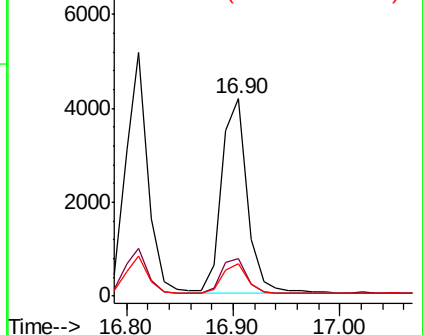
179 15.5 13.0 19.6

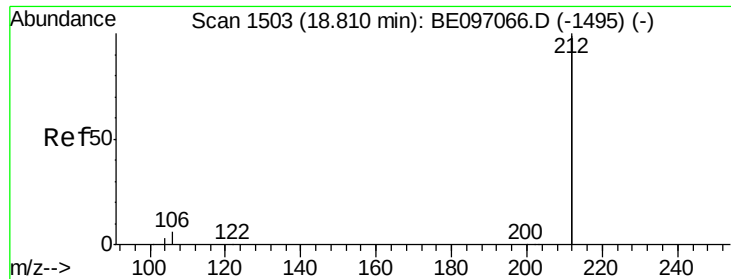


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

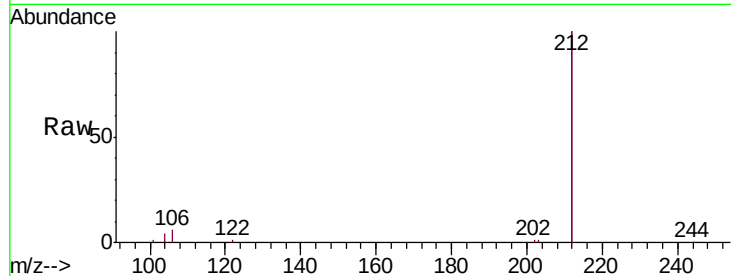
Tgt Ion:212 Resp: 31972

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

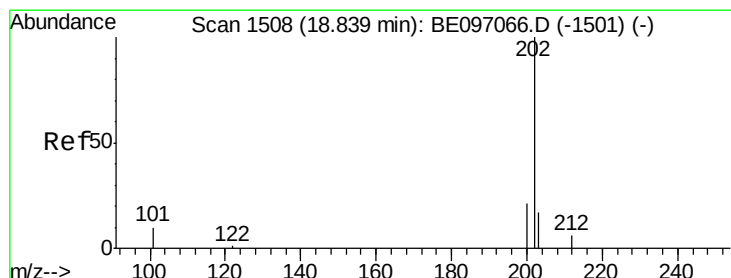
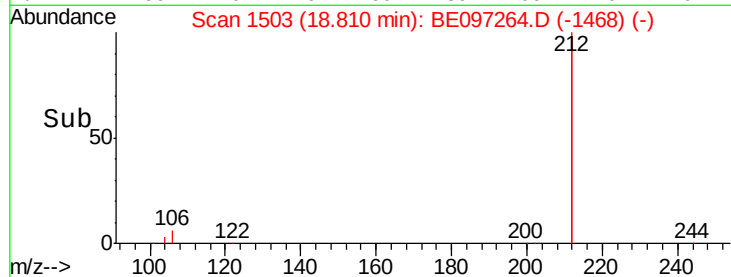
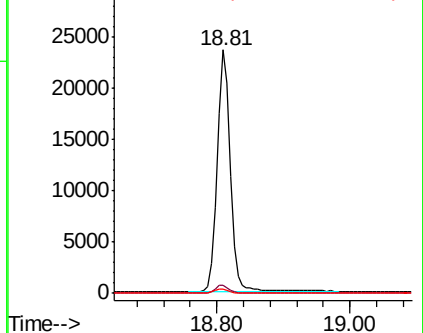
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.385 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

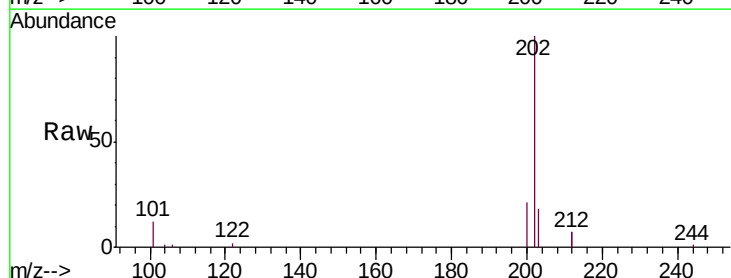
Tgt Ion:202 Resp: 8389

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

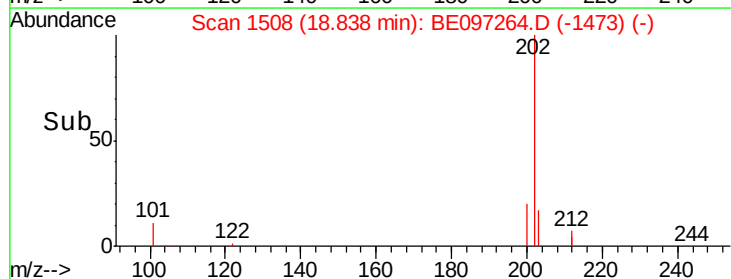
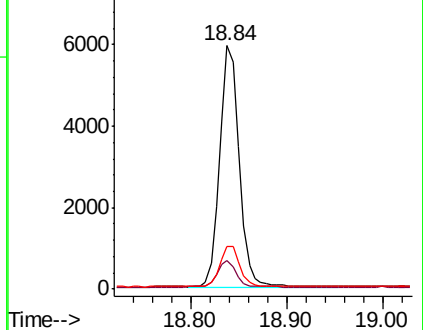
203 17.1 13.7 20.5

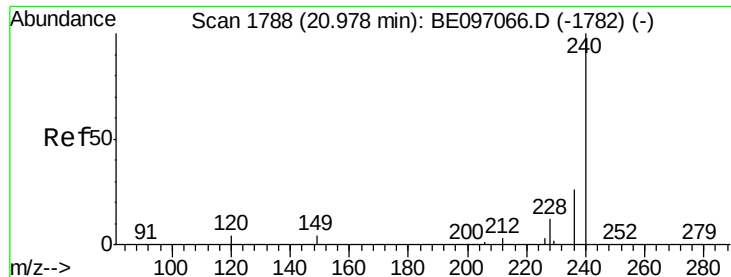


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

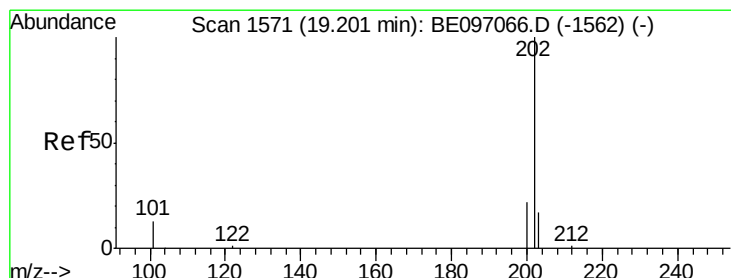
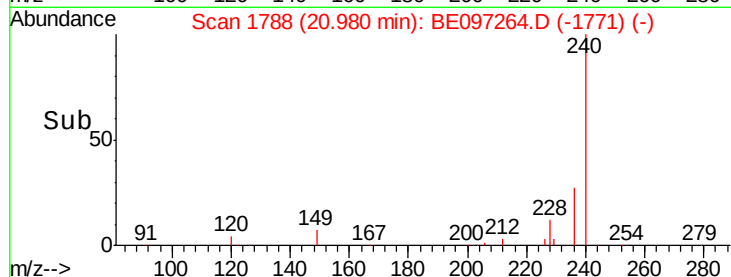
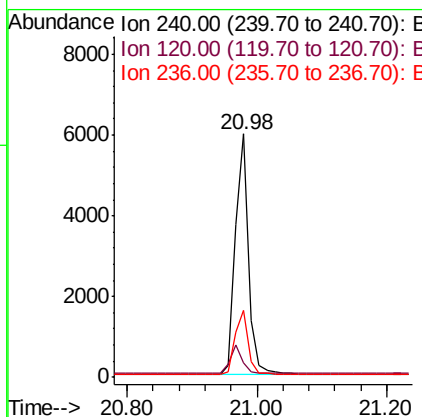
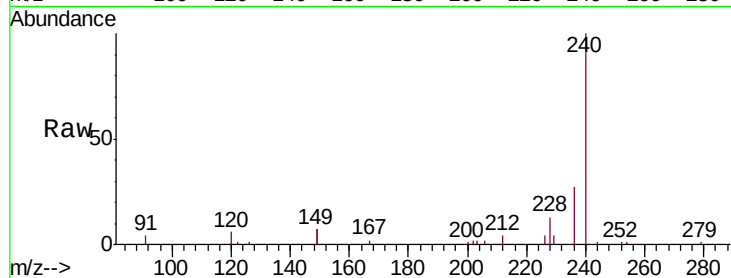




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097264.D
 Acq: 10 Aug 2018 15:59

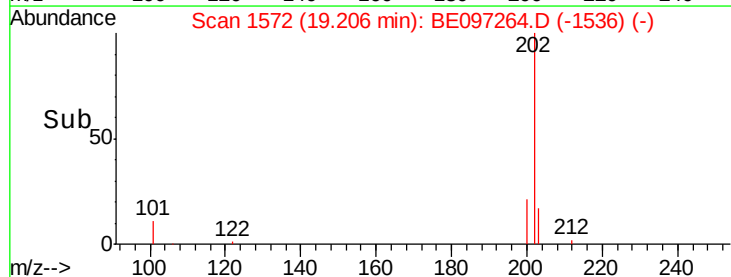
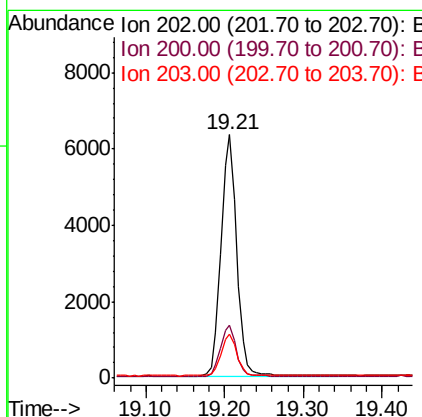
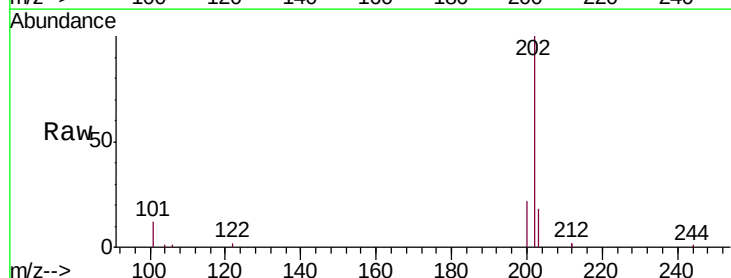
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

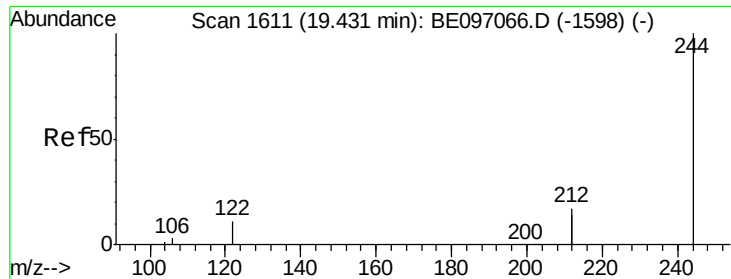
Tgt Ion:240 Resp: 8597
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.5 8.3
 236 27.4 20.7 31.1



#28
 Pyrene
 Concen: 0.368 ng
 RT: 19.21 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BE097264.D
 Acq: 10 Aug 2018 15:59

Tgt Ion:202 Resp: 8681
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.6 25.0
 203 17.6 13.8 20.8

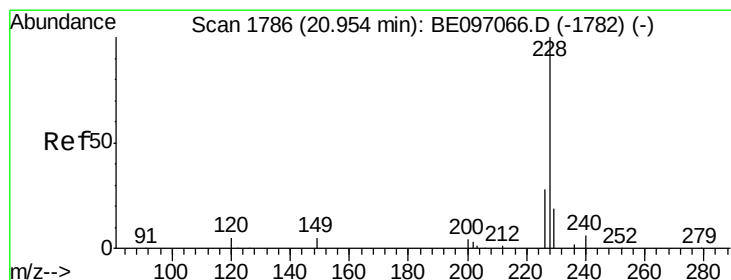
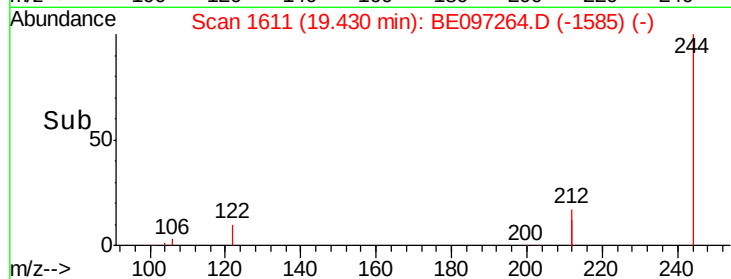
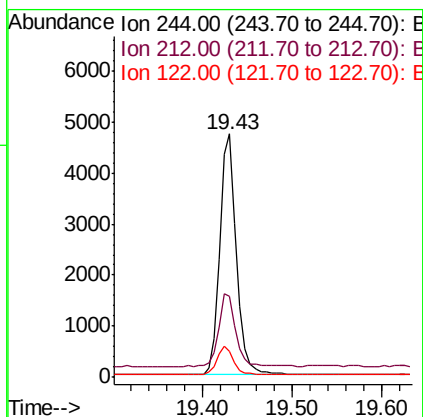
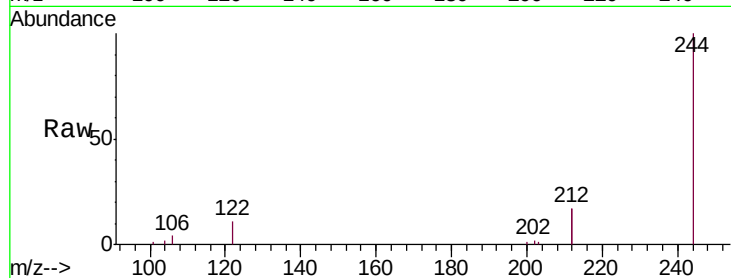




#29
 Terphenyl-d14
 Concen: 0.368 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097264.D
 Acq: 10 Aug 2018 15:59

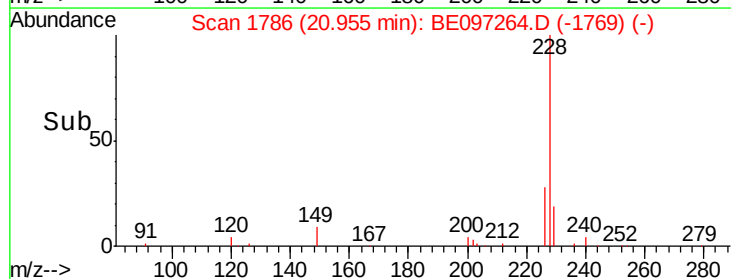
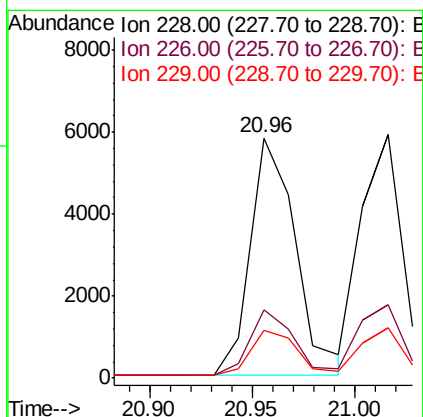
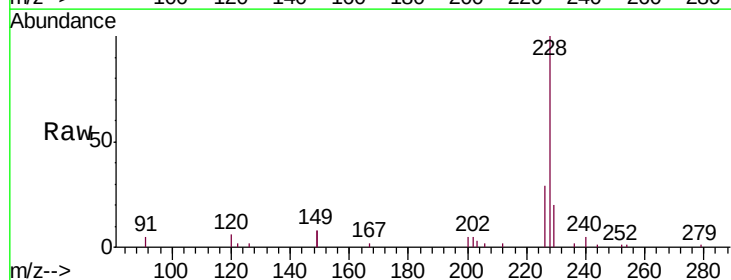
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

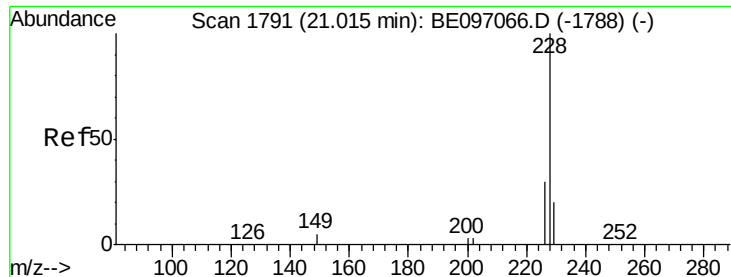
Tgt Ion: 244 Resp: 6084
 Ion Ratio Lower Upper
 244 100
 212 33.2 25.4 38.0
 122 10.6 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.420 ng
 RT: 20.96 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097264.D
 Acq: 10 Aug 2018 15:59

Tgt Ion: 228 Resp: 8974
 Ion Ratio Lower Upper
 228 100
 226 28.6 24.0 36.0
 229 19.9 16.0 24.0





#31

Chrysene

Concen: 0.364 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

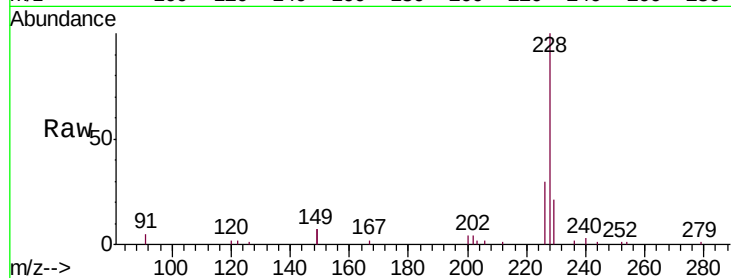
Tgt Ion: 228 Resp: 8360

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

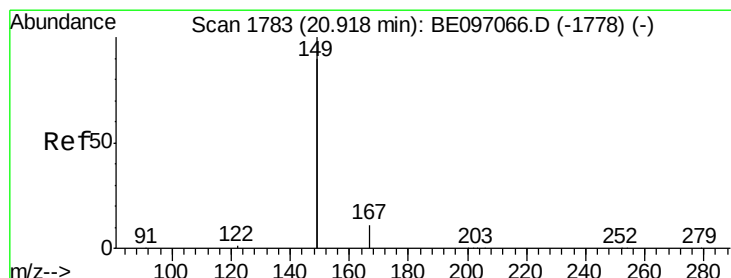
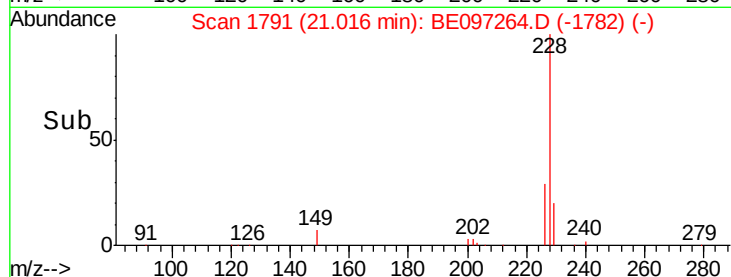
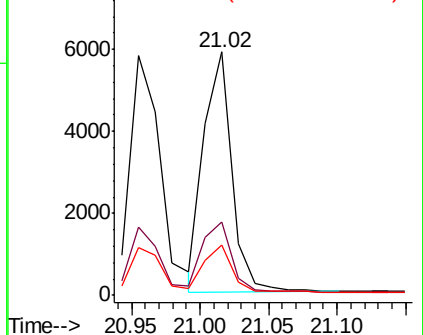
229 20.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.792 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

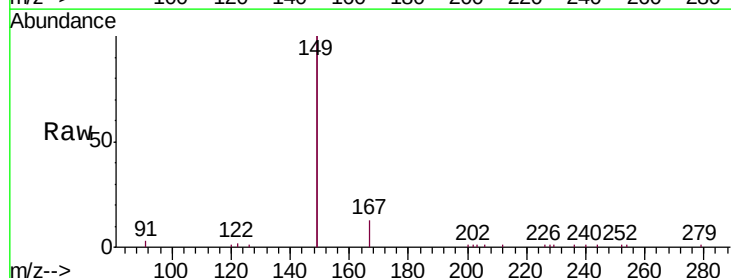
Tgt Ion: 149 Resp: 18886

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

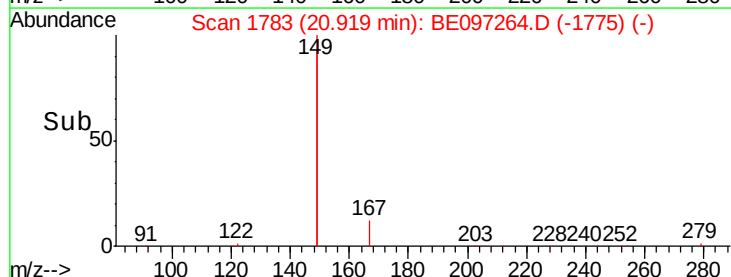
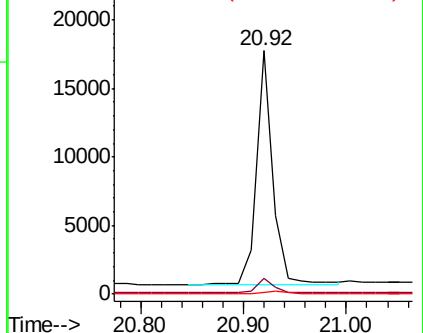
279 1.1 0.7 1.1

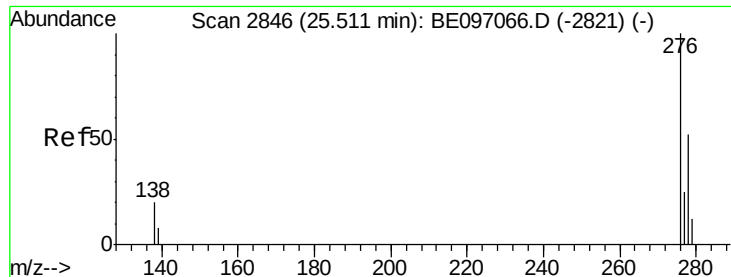


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.520 ng

RT: 25.52 min Scan# 2848

Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

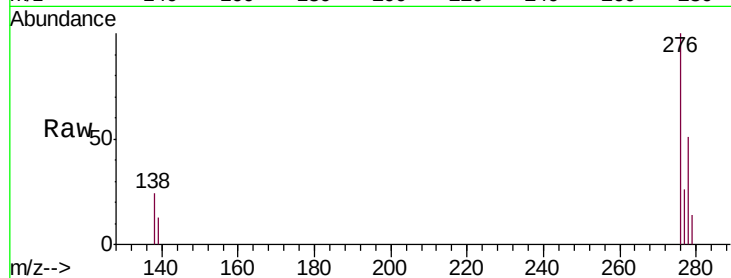
Tgt Ion:276 Resp: 10807

Ion Ratio Lower Upper

276 100

138 10.0 22.5 33.7#

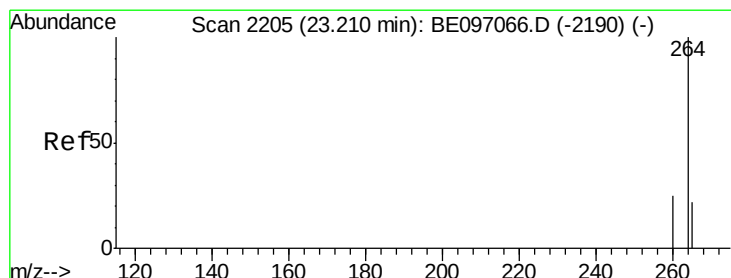
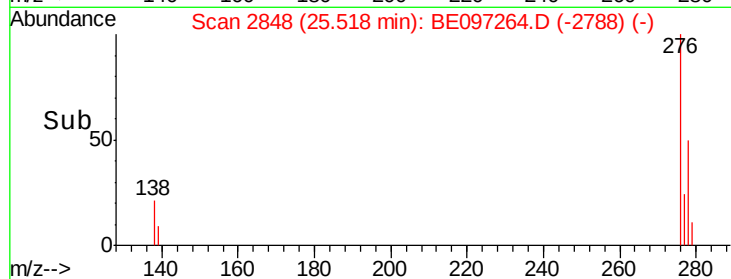
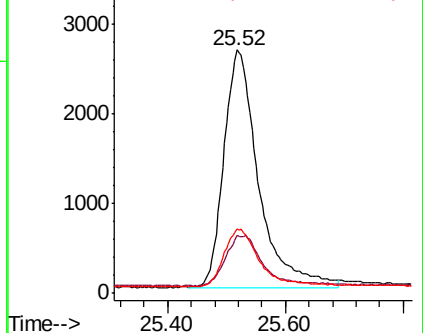
277 24.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

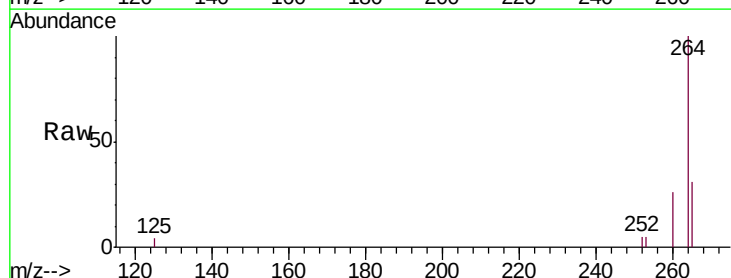
Tgt Ion:264 Resp: 8906

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

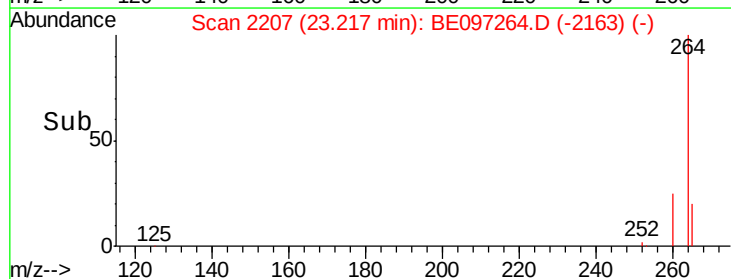
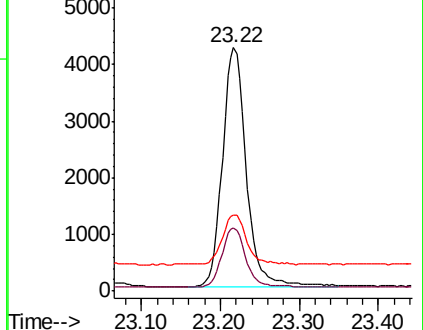
265 31.3 22.8 34.2

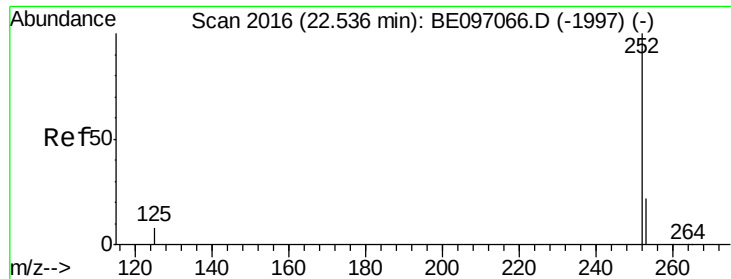


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

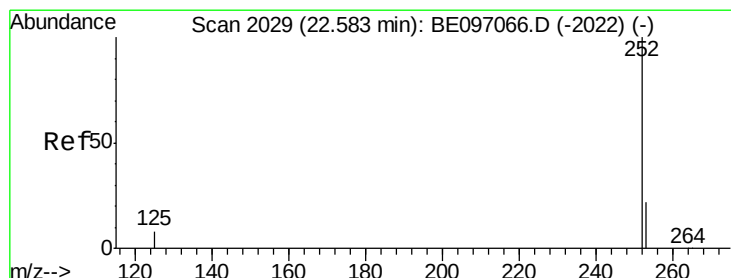
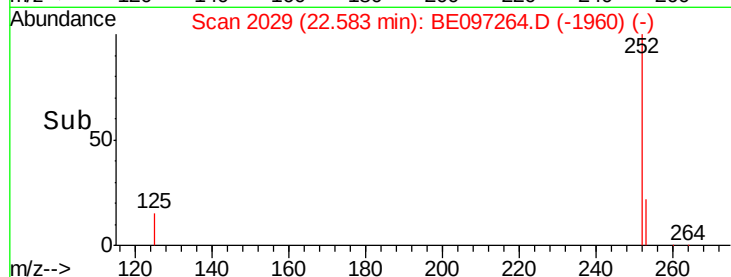
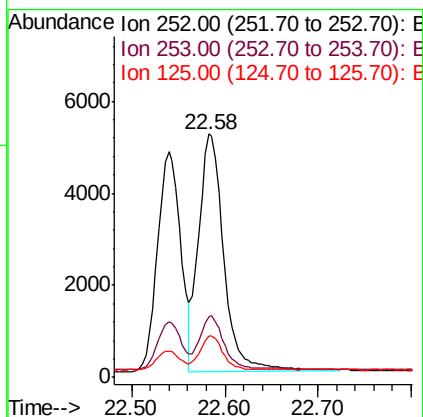
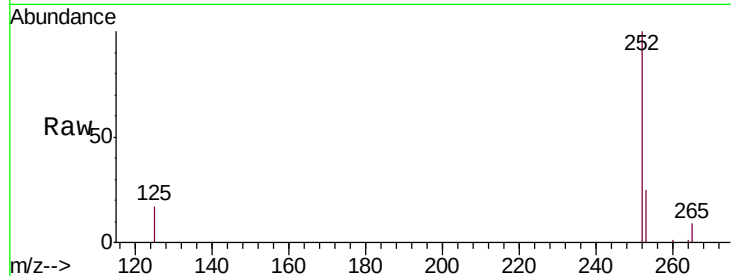




#35
Benzo(b)fluoranthene
Concen: 0.425 ng
RT: 22.58 min Scan# 2029
Delta R.T. 0.05 min
Lab File: BE097264.D
Acq: 10 Aug 2018 15:59

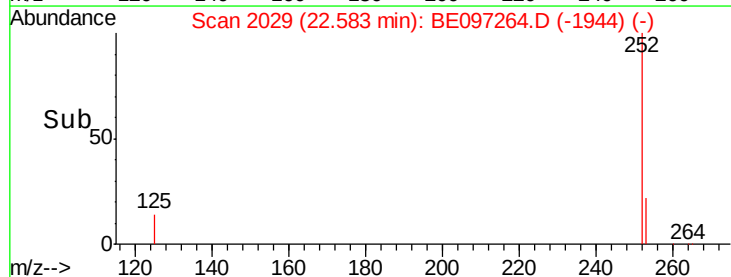
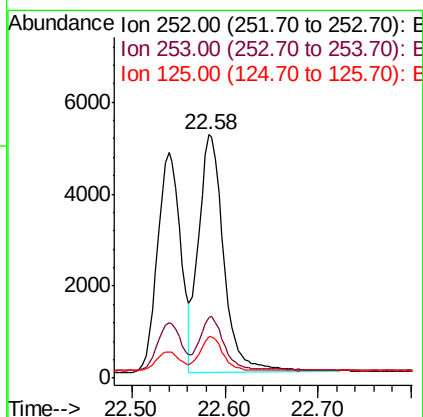
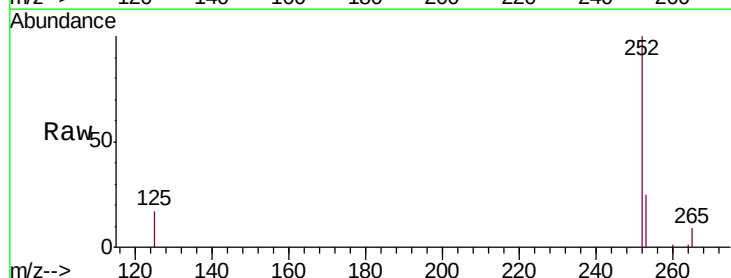
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

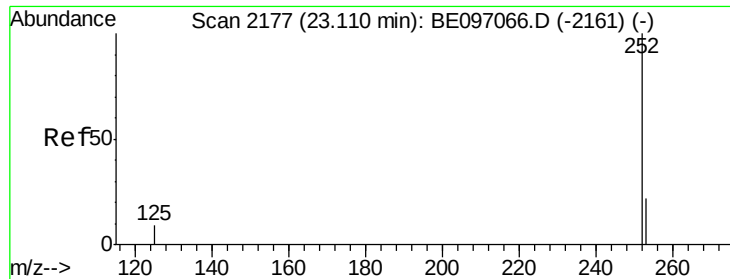
Tgt Ion:252 Resp: 9595
Ion Ratio Lower Upper
252 100
253 25.0 20.0 30.0
125 17.0 16.0 24.0



#36
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 22.58 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE097264.D
Acq: 10 Aug 2018 15:59

Tgt Ion:252 Resp: 9595
Ion Ratio Lower Upper
252 100
253 25.0 16.0 24.0#
125 17.0 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.12 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

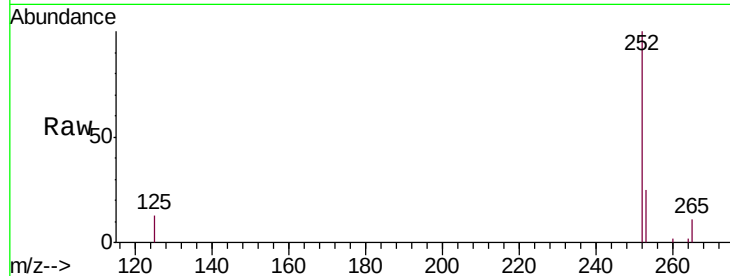
Tgt Ion:252 Resp: 8551

Ion Ratio Lower Upper

252 100

253 24.8 16.0 24.0#

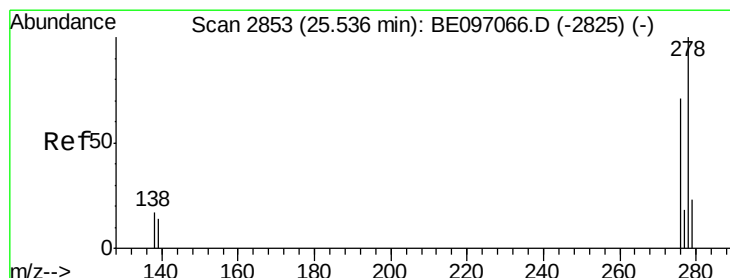
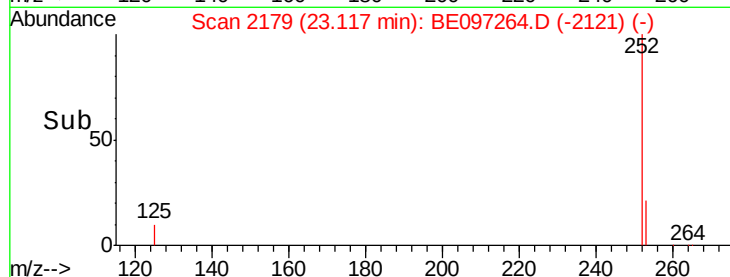
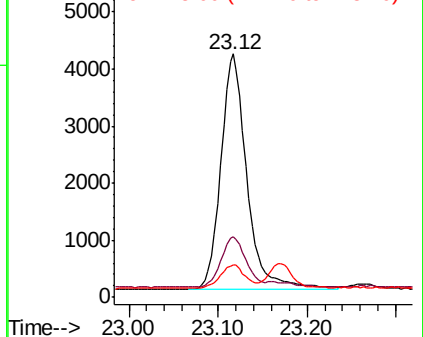
125 13.1 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.426 ng

RT: 25.54 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE097264.D

Acq: 10 Aug 2018 15:59

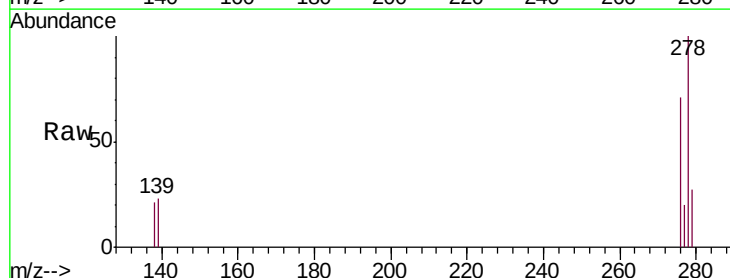
Tgt Ion:278 Resp: 9036

Ion Ratio Lower Upper

278 100

139 22.6 16.0 24.0

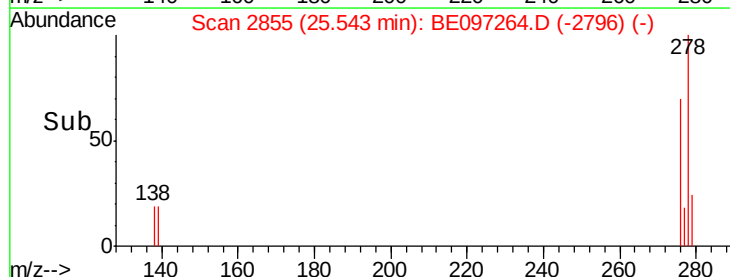
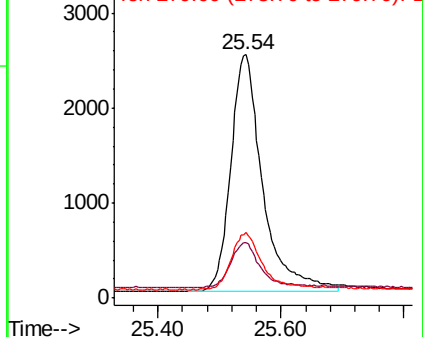
279 27.1 20.0 30.0

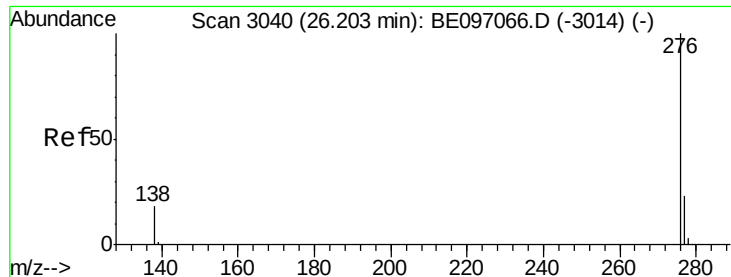


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.389 ng

RT: 26.22 min Scan# 3045

Delta R.T. 0.02 min

Lab File: BE097264.D

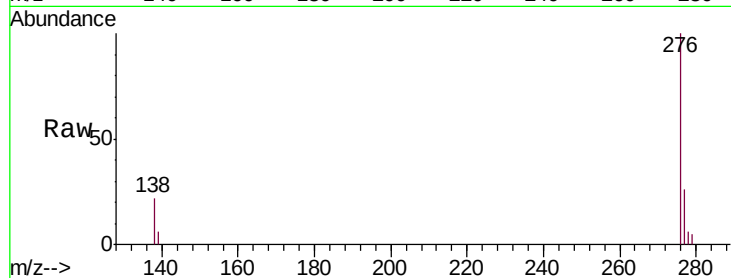
Acq: 10 Aug 2018 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 8762

Ion Ratio Lower Upper

276 100

277 26.0 16.0 24.0#

138 21.9 20.0 30.0

